For information on becoming a Cardiovascular Technologist or Technician, see Sources of additional information within this brochure.

For information on youth employment opportunities, contact a career counselor at your high school or employment counselor or job and information center coordinator at your local NH Employment Security Office.

Berlin (752-5500)

151 Pleasant St., PO Box 159, 03570-0159

**Claremont (543-3111)** 

404 Washington St., PO Box 180, 03743-0180

Concord (228-4100)

10 West St., PO Box 1140, 03302 - 1140

Conway (447-5924)

518 White Mountain Highway, 03818-4205

Keene (352-1904)

109 Key Rd., 03431-3926

Laconia (524-3960)

426 Union Ave., PO Box 760, 03246-2894

Lebanon (448-6340)

85 Mechanic St., Ste.4, 03766-1506

Littleton (444-2971)

646 Union St., Ste. 100, 03561-5314

**Manchester** (627-7841)

300 Hanover St., 03104-4957

Nashua (882-5177)

6 Townsend St., 03060-3285

**Portsmouth (436-3702)** 

2000 Lafeyette Rd., 03801-5673

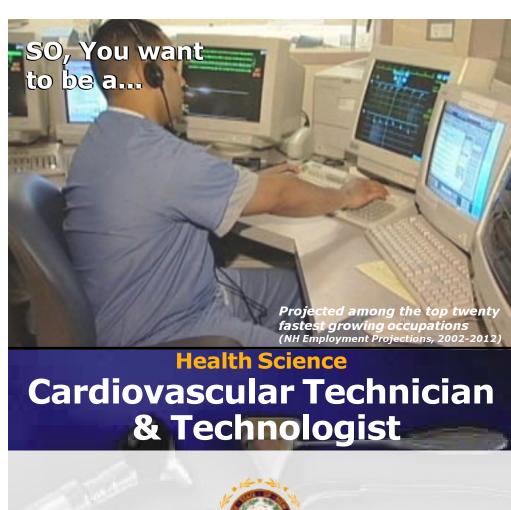
Salem (893-9185)

29 South Broadway, 03029-3026

Somersworth (742-3600)

243 Rt.108, 03878-1512







Here are
a few things
you should know.

You'll want to know a few things about this career.

Avg Hrly Wage: \$22.55 Expected Growth Rate\*: 49% Avg Annual Openings:

12

## Training/Educ Needed:

Associate's
Degree
(Although a few
cardiovascular
technologist, vascular technologist,
and cardiac
sonographers are
currently trained

on-the-job, most receive training in 2- to 4-year programs.)

Basic Skills: Reading, listening, writing, speaking, mathematics, science.

Job Skills: Operation & control, science, operation monitoring, reading comprehension, speaking, listening, mathematics, active listening, writing, critical thinking, monitoring.

SO, You want to be a... Cardiovascular Technician izipolonipst & Projected among the top twenty fastest growing occupations. (NH Employment Projections, 2002-2012)

**TASKS** 

- 1. Activate fluoroscope and camera to produce images used to guide catheter through cardiovascular system.
- 2. Adjust equipment and controls according to physicians' orders or established protocol.
- 3. Assess cardiac physiology and calculate valve areas from blood flow velocity measurements.
- **4.** Assist physicians in diagnosis and treatment of cardiac and peripheral vascular treatments, for example, assisting with balloon angioplasties to treat blood vessel blockages.
- **5.** Attach electrodes to the patients' chests, arms, and legs, connect electrodes to leads from the electrocardiogram (EKG) machine, and operate the EKG machine to obtain a reading.
- **6.** Compare measurements of heart wall thickness and chamber sizes to standard norms to identify abnormalities.
- monitoring, reading comprehension, speaking, listening, mathematics, active
  - 8. Enter factors (ie: amount & quality of radiation beam, & filming sequence) into computer.
  - 9. Explain testing procedures to patient to obtain cooperation and reduce anxiety.
  - **10**. Monitor patients' comfort and safety during tests, alerting physicians to abnormalities or changes in patient responses.

    \*\*www.onetcenter.\*\*

Interests (Holland Code): IRS (Investigative,

Interest Area: Health Science

Realistic, Social)

Working Conditions: Pleasant and comfortable clean, well lit offices.

## Avg Work Week:

40hrs (Some may work days, evenings and weekends or need to be on call.)

Sources of additional info: NH Employment Security (Contact office nearest you or go online to

www.nhes.state.nh.us).

Alliance of Cardiovascular Professionals, 4456 Thalia Landing Offices, Bldg. 2, 4356 Bonney Rd., Suite 103, Virginia Beach, VA 23452-1200 www.acp-online.org Cardiovascular Credentialing International, 1500 Sunday Dr., Suite 102, Raleigh, NC 27607 www.cci-online.org



www.onetcenter.org